

# Office of Legacy Management Land and Site Management

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# LM Responsibilities

◆ UMTRA title I -	1.5
◆ Weldon Spring	1.0
◆ Fernald	4.4
◆ Mound	0.4
◆ Rocky Flats	7.0
◆ Others	15+
◆ Moab	0.5
– Total	30+

# Other LM Needs

- Tritium Monitoring in gas phase
  - ◆ Nevada Offsites – subsurface fracturing for gas production – worked but gas is radioactive, tritium is the leader of the parade

# LM Needs

- Basic study of U redox- redissolution
  - ◆ Kd's are not enough
- Fundamental processes
  - ◆ Bio
  - ◆ Geo
  - ◆ Physicochemical
- Understand the fate and transport of U
  - ◆ Lead to more accurate modeling

# LM Needs

- U sequestration
  - ◆ Phosphates
  - ◆ Organic ligands
    - ◆ Increased longevity

# Observations

- Focus area concept is back
  - ◆ Good if work with sites to solve problems
  - ◆ Bad if using to get funded and do whatever
  - ◆ Change is LM will own the sites, not M&O
    - ◆ TAC contractor